SONY

3-262-864-21(1)

TV/WEATHER/FM/AM **CD Clock Radio**

ICF-CD855V

Operating Instructions

DREAM MACHINE

Owner's Record

The model number and the serial number are located on the bottom. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. ICF-CD855V

Serial No.

For customers who purchased this product in the USA

Please register this product on line at http://www.sony.com/productregistration. Proper registration will enable us to send you periodic mailings about new products, services, and other important announcer

Registering your product will also allow us to contact you in the unlikely event that the product needs adjustment or modification. Thank you.



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http://www.sony.net/

SONY®

Tape Cassette Player/Recorder/CD Player/Mini Disc DAT/Radio/Head Phone/Speaker/Mini/D

Portable Audio



Sony Electronics Inc. ("Sony") warrants this Product (including any accessories) against defects in material or

LABOR: For a period of one (1) year from the date of purchase, if this Product is determined to be defective, ony will repair or replace the Product, at its option, at no charge, or pay the labor charges to any Sony autho-zed service facility. After the Warranty Period, you must pay for all labor charges.

2. PARTS: In addition, Sony will supply, at no charge, new or rebuilt replacements in exchange for defective parts for a period of one (1) year. After the warranty period, you must pay for all parts costs.

3. ACCESSORIES: Parts and labor for all accessories are for one (1) year

To obtain warranty service, you must take the Product, or deliver the Product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any authorized Sony service facility.

This warranty does not cover customer instruction, installation, set up adjustments or signal reception prob-

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negli-gence, commercial use, or modification of, or to any part of the Product, including the antenna. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Sony to service the Product. This warranty does not cover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This warranty is valid only in the United S

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIB-ITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICU-LAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. In addition, if you enter into a service contract with the Sony Partnership within 90 days of the date of sale, the limitation on how long an implied warranty lasts does not apply to you. This warranty gives you specific legal rights, and you now how cother induces the which ward there of the date. may have other rights which vary from state to state

For your convenience, Sony Electronics Inc. has established telephone numbers for frequently asked questions

To locate the servicer or dealer nearest you, or for service assistance or resolution of a service problem, or for product information or operation, call:

Sony Customer Information Services Cente 1-800-222-7669 or visit the Sony Web Site:

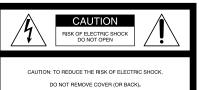
For an accessory or part not available from your authorized dealer, call:

1-800-488-SONY (7669)

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet Refer servicing to qualified personnel only Do not install the appliance in a confined space, such as a bookcase or built-in cabinet. To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.



NO USER-SERVICEABLE PARTS INSIDE. R SERVICING TO QUALIFIED SERVICE PER

This symbol is intended to alert the user <u>/</u>1 to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance

* The graphical symbols are at the bottom of the unit

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Recription or relocate the receiving antenna.
 Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the
- receiver is connected. - Consult the dealer or an experienced radio/
- TV technician for help.

If you have any questions about this product, you may Sony Customer Information Services Center 1-800-222-7669 or write to:

Sony Customer Information Services Center 12451 Gateway Blvd., Ft Myers, FL 33913

Declaration of Conformity Trade Name: SONY Model: ICF-CD855V Responsible Party: Sony Electronics Inc. Address. 680 Kinderkamack Road Oradell, NJ 07649 USA

Telephone Number: 201-930-6972

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

CAUTION The use of optical instruments with this product will increase eye hazard.

Features

- TV/WEATHER/FM/AM 4 band PLL (phase locked loop) synthesized clock radio
- Easy preset digital tuning with 25 memory presets
- · Built-in CD player with CD-R/RW playback function
- Dual alarm

D 455714502

- · Triple time display main display for the clock, and two alarm sub-displays Nap timer – count down timer (10, 20, 30, 60, 90,
- 120 minutes)
- Extendable Snooze time from 10 to 60 minutes · LCD with brightness adjustment backlight (High/ Middle/Low)

Precautions

· Operate the unit on the power source specified in "Specifications · The nameplate indicating operating voltage, etc. is

located on the bottom of the unit. · To disconnect the power cord (mains lead), pull it **IMPORTANT SAFEGUARDS** For your protection, please read these safety instructions completely before operating the

INSTALLATION

Water and Moisture

Heat

sunligh

surface

USE

Cleaning

ANTENNAS

Electrical Code

NEC-NATIONAL ELECTRICAL CODE

SERVICE

Servicing

Replacement parts

Safety Check

condition

Ventilation

ventilation is provided

Grounding or Polarization

For your protection, please read these safety instructions completely before operating the appliance and keep this manual for future reference. Carefully observe all warnings, precautions and instructions on the appliance and in the operating instructions, and adhere to them.

Do not use powerline operated appliances near water - for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.

Do not place the appliance near or over a radiator or heat register, or where it is exposed to direct

Ventilation The slots and openings in the cabinet are provided for necessary ventilation. To ensure reliable operation of the appliance, and to protect it from overheating, these slots and openings must never be blocked or covered. -Never cover the slots and openings with a cloth or other materials. -Never block the slots and openings by placing the appliance on a bed, sofa, rug or other similar surface.

-Never place the appliance in a confined space, such as a bookcase, or built-in cabinet, unless proper

Accessories Do not place the appliance on an unstable cart, stand, tripod, bracket, or table. The appliance may fall, causing serious injury to a child or an adult, and serious damage to the appliance. Use only a cart, stand, tripod, bracket, or table recommended by Sony. -An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

This appliance should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of electrical power supplied to your home, consult your dealer or local power company. For those appliances designed to operate from battery power, or other sources, refer to the operating instructions.

This appliance is equipped with a polarized AC power cord plug (a plug having one blade wider than the other), or with a three-wire grounding type plug (a plug having a third pin for grounding). Follow the instructions below:

-For the appliance with a polarized AC power cord plug: This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to have a suitable outlet installed. Do not defeat the safety purpose of the polarized plug by forcing it in.

-For the appliance with a three-wire grounding type AC plug: This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to have a suitable outlet installed. Do not defeat the safety purpose of the grounding plug.

Overloading Do not overload wall outlets, extension cords or convenience receptacles beyond their capacity, since this can result in fire or electric shock.

When not in use Unplug the power cord of the appliance from the outlet when left unused for a long period of time. To disconnect the cord, pull it out by grasping the plug. Never pull the plug out by the cord.

Power-Cord Protection Route the power cord so that it is not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the plugs, receptacles, and the point where the cord exits from the appliance.

Lightning For added protection for this appliance during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the appliance due to lightning and powerline surges.

Object and Liquid Entry Never push objects of any kind into the appliance through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the appliance.

Unplug the appliance from the wall outlet before cleaning or polishing it. Do not use liquid cleaners or aerosol cleaners. Use a cloth lightly dampened with water for cleaning the exterior of the appliance. Clean the appliance only as recommended by Sony.

An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can come in contact with such power lines or circuits. WHEN INSTALLING AN OUTDOOR ANTENNA SYSTEM, EXTREME CARE SHOULD BE TAKEN TO KEEP FROM CONTACTING SUCH POWER LINES OR CIRCUITS AS CONTACT WITH THEM IS ALMOST INVARIABLY FATAL.

Be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

 SERVICE
 (NEC Art 250 Part H)

 Damage Requiring Service
 Unplug the appliance from the wall outlet and refer servicing to qualified service personnel under the following conditions:

 -When the power cord or plug is damage or frayed.
 -If liquid has been spilled or objects have fallen into the appliance.

 -If the appliance has been exposed to rain or water.
 -The appliance does not appear to operate normally or exhibits a marked change in performance.

 -If the appliance does not appear to operate normally when following the operating instructions, adjust only.

- 1 nis indicates a need for service. -If the appliance does not operate normally when following the operating instructions, adjust only those controls that are specified in the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the appliance to normal operation. -If the appliance has been subject to excessive shock by being dropped, or the cabinet has been damaged.

Do not attempt to service the appliance yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

When replacement parts are required, be sure the service technician has used replacement parts specified by Sony that have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, or other hazards.

Upon completion of any service or repairs to the appliance, ask the service technician to perform routine safety checks (as specified by Sony) to determine that the appliance is in safe operating

Antenna Lead-in Wire

Antenna Discharge Unit (NEC Section 810-20)

Grounding Conductors (NEC Section 810-20)

Power Service Grounding Electrode System (NEC Art 250 Part H)

Ground Clamps

Antenna Grounding According to the National

Ground

Clamps

Electric Service

Equipment

Attachments Do not use attachments not recommended by Sony, as they may cause hazards.

Outdoor Antenna Grounding If an outdoor antenna or cable system is installed, follow the precautions below.

Wall or Ceiling Mounting If your appliance can be mounted to a wall or ceiling, mount it only as recommended by Sony.

the appliance.

- out by the plug, not the cord. • Do not leave the unit in a location near a heat
- source, such as a radiator or airduct, or in a place subject to direct sunlight, excessive dust, mechanical vibration, or shock.

 Allow adequate air circulation to prevent internal heat. build-up. Do not place the unit on a surface (a rug, blanket, etc.) or near materials (a curtain) that might block the ventilation holes.

· Should any solid object or liquid fall into the unit, unplug the unit and have it checked by a qualified

personnel before operating it any further When the casing becomes soiled clean it with a soft cloth dampened with mild detergent solut

use abrasive cleansers or chemical solvents, as they may mar the casing. If you have any questions or problems

concerning your unit, please consult your nearest Sony dealer.

Troubleshooting

Should any problem occur with the unit, make the following checks to determine whether or not servicing is required. If the problem persists, consult

the nearest Sony dealer The clock does not show the correct time.

 Has an electrical power outage lasting more than one minute occurred?

The CD, radio or buzzer alarm does not • Hasn't all ALARM indicator lights gone out?

The CD or radio alarm is activated but no sound comes on at the preset alarm time.

 Has VOLUME been adjusted f The CD player does not operate.

Did you close the CD lid?

• Did you place the disc correctly? The disc should be placed with the labelled

side up.

• Dusty or defective disc — Clean the disc with an optional cleaning cloth. Wipe the disc from the enter out.

• Take out the CD and leave the CD compartment open for about an hour to get rid of moisture condensation.

Sporadic loss of sound in CD operation.

- Dusty or defective disc Clean or replace the disc.
- Volume too high Reduce the volume. Strong vibration

No sound comes from the speakers.

• Hasn't headphones (not supplied) been plugged in? Disconnect the headphones from the Ω jack.

Specifications

AUDIO POWER SPECIFICATIONS POWER OUTPUT AND TOTAL HARMONIC

DISTORTION With 8–ohm loads, both channels driven from 100 – 10 000 Hz; rated 1.0 W per channel-minimum RMS power, with no more than 10% total harmonic distortion in AC operation.

CD player section

System: Compact disc digital audio system Laser diode properties:

Emission duration: Continuou

Laser output: Less than 44.6 µW

(This output is the value measured at a distance of about 200 mm from the objective lens surface on

the optical pick-up block with 7 mm aperture.) Frequency response: $20-20\ 000\ Hz$ $^{+1}_{-1.5}\ dB$ Wow and flutter: Below measurable limit

2 - 13 ch

Outputs: () (headphones) jack (ø 3.5 mm

1 W + 1 W (at 10% harmonic distortion) Power requirements: 120 V AC, 60 Hz

Approx. $169 \times 165 \times 217 \text{ mm (w/h/d)}$

(Approx. $6^{3/4} \times 6^{1/2} \times 8^{5/8}$ inches) incl.

Design and specifications are subject to change

Lead-free solder is used for soldering.

Halogenated flame retardants are not

used in printed wiring boards.

stereo minijack)

projecting parts and control

Mass: Approx. 1 700 g (3 lb 12 oz)

87.5 – 108 MHz 530 – 1 710 kHz

Material: GaAlAs

Radio section

WEATHER: 1 - 7 ch

Time display: 12-hour system Speaker: 50 mm (2 inches) dia., 8 Ω

Frequency range:

τv

FM:

AM:

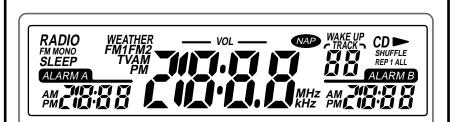
General

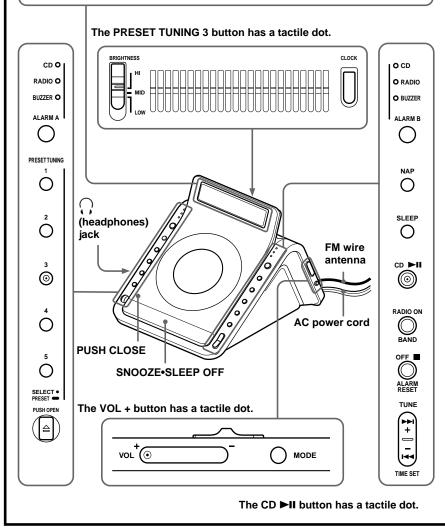
Power outputs:

Dimensions.

eco

Wavelength: 780 nm





Setting the Brightness of the Backlight

Slide BRIGHTNESS to select HI (high), MID (middle) or LOW for the display according to your preference

Setting the Clock

- **1** Plug in the clock radio The display will flash "AM 12:00"
- 2 Press CLOCK for a few seconds. You will hear a beep and the hour will start to flash in the display.
- **3** Press **TUNE**•**TIME SET +** or until the correct hour appears in the display.
- 4 Press CLOCK once. You can set the minutes in the same way as the hour.

After setting the minutes, press CLOCK to start the clock, and you will hear two short beeps.

To set the current time rapidly, hold down **TUNE•TIME SET +** or **-**.

In step 4, when you press CLOCK after the minute setting to activate the clock, the seconds start counting from zero.

- Notes • The clock setting will be cancelled if you press **OFF** ■•ALARM RESET while setting the clock.
- If you do not press a button for about 1 minute while setting the clock, the clock setting will be cancelled.

Changing AM **Channel Step**

The AM channel step differs depending on area. The channel step of this unit is factory-set to 10 kHz to change the setting as shown below to be able to listen to the radio.

Area	Channel step
North and South American	10 kHz
Other countries/regions	9 kHz

1 Press OFF ■•ALARM RESET to turn off the power

2 While holding down OFF ■•ALARM **RESET**, keep pressing **PRESET TUNING** 1 for more than 5 seconds. Two short beeps will sound, and the AM channel

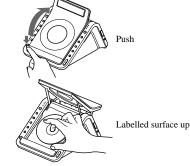
step will be changed. If you proceed to step **2**, the channel step will change again. Notes • When the AM channel step is changed, the preset stations for AM will be initialized. • When the AM channel step is changed, the FM channel step also will be changed.

Playing a CD

An 8 cm (3-inch) CD can be played without an adaptor.

1 Push PUSH OPEN to open the CD compartment lid and place a disc. 2 Push PUSH CLOSE to close the CD

compartment lid.





3 Press CD ►II. "CD" and "TRACK 01" appear on the display to indicate that track 1 of the CD is playing. 4 Press VOL + or – to adjust the volume.

То	Press
Pause	CD ►II
Resume play after pause	CD 📕 again
Locate the beginning of the current track (AMS*)	**
Locate the next track (AMS*)	•••
Go back at high speed	Hold down I≪ **
Go forward at high speed	Hold down ▶▶I**
Locate the previous track (AMS*)	K repeatedly**
Locate the succeeding track (AMS*)	►► repeatedly**
Stop play	
* AMS - Automatia Musia	Sansor

AMS = Automatic Music Sensor ** These operations are possible during both play and

pause About CD-Rs/CD-RWs

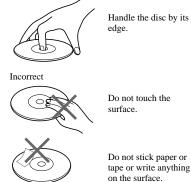
This unit is compatible with CD-Rs/CD-RWs but playback capability may vary depending on the quality of the disc, the recording device and

Music discs encoded with copyright protection technolo-

gies This product is designed to play back discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright

protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product. To handle compact discs

Correct



Notes

 Discs with non-standard shapes (e.g., heart, square star) cannot be played on this unit. Attempting to do so may damage the unit. Do not use such discs. If you press CD >II when there is no disc in the CD ment, "00" flashes for about 5 seconds or the display and the unit turns off automatically. After 20 minutes, playback will be stop when you press **CD II** during play back.

Various Modes of CD

Playback You can play tracks repeatedly or in random order.

Press MODE. Each press changes the play mode as follows:

Display Indication Play mode

(normal play) none All the tracks are played once. Ŧ

"REP 1" (single repeat) A single track is played repeatedly. Ŧ

"REP ALL" (all repeat) All the tracks are played repeatedly Ŧ

"SHUFFLE" (shuffle play) All the tracks are played once in random order

"SHUFFLE REP" (shuffle repeat) All the tracks are played repeatedly in random order

To listen with headphones (not supplied)

Connect headphones (not supplied) to the \bigcap jack. The sound through the speaker will not be heard. The same applies when you listen to the radio.

Playing the Radio –Manual Tuning

1 Press **RADIO ON•BAND** to turn on the radio.

"RADIO" appears on the display. 2 Press RADIO ON•BAND repeatedly to select the desired band Each press changes the band as follows:

\rightarrow AM \rightarrow FM1 \rightarrow FM2 \cdot

When using FM1 or FM2 preset mode, you may

- listen to the radio on either mode (See "Presetting Your Favorite Station"). **3** Use **TUNE**•**TIME SET** + or – to tune into
- a station. Two short beeps sound when the minimum

frequency of each band is received during tuning 4 Adjust volume using VOL + or -.

When you release TUNE•TIME SET + or - after

locating your desired station, the display returns to the previous display after about 10 seconds.

To check the frequency of the tuned-in station, press RADIO ON•BAND and the frequency appears for

To turn off the radio, press OFF ■•ALARM RESET.

Improving the Reception

TV/WEATHER/FM:

Extend the FM wire antenna fully to increase reception sensitivity. Rotate the unit horizontally for optimum AM: reception. A ferrite bar antenna is built into the unit.

Do not operate the unit over a steel desk or metal surface, as this may lead to interference of reception

Presetting Your Favorite Station

-Preset Tuning You can preset up to 10 stations in FM (5 stations in

FM1. 5 stations in FM2), and 5 stations each in AM. TV, WEATHER

Presetting a Station

1 Follow steps **1** to **4** in "Plaving the Radio"

FM2.

- and manually tune into the station you wish to preset. 2 Hold down the **PRESET TUNING** button you wish to preset until you hear two short
 - beeps. **Example:** Display window when you preset FM 90 MHz in the **PRESET TUNING 2** button for



The frequency remains on the display for about 10 seconds and then returns to the previous display

To preset another station, repeat these steps. To change the preset station, tune into the desired station and hold down the **PRESET TUNING 1** to **5** button. The new station will replace the previou station on the **PRESET TUNING** button.

Tuning into a Preset Station 1 Press RADIO ON•BAND to turn on the

radio 2 Press RADIO ON•BAND to select the

- band. **3** Press the desired **PRESET TUNING** button
- 4 Adjust the volume using VOL + or -. After about 10 seconds, the display will return to the previous display but the **PRESET TUNING** button number will remain

Note Holding down the desired PRESET TUNING button for more than a few seconds in step **3** will replace the previous station on the **PRESET TUNING** button with the station you are tuned in

Switching between monaural and stereo

The radio is set for stereo reception at the default setting. If FM stereo reception is poor, set to "FM MONO (monaural)." Noise will be reduced although sound will not be heard in stereo

1 Press RADIO ON•BAND to turn on the radio

2 Press RADIO ON•BAND repeatedly to select FM 1 or FM 2.

C Setting the Buzzer Alarm

alarm mode.

ALARM ON-

when it is activated

time set.

stages.

Note

1 Perform steps **1** to **5** in "To set the Alarm

2 Press ALARM A or B to select "BUZZER"

Two short beeps will confirm the setting. If the BUZZER indicator does not light, press ALARM

A or B to light the BUZZER indicator, and the

Press ALARM A or B to activate the alarm setting.

If the setting indicator does not light, the alarm setting

is not activated. You can only check the alarm setting

If you set the CD alarm and there is no disc in the CD

For the alarm, the beeping of the alarm becomes more

When headphones (not supplied) are plugged into the

unit, the alarm will not sound through the speakers

When Alarm A and Alarm B are set for the same

To Doze for a Few More Minutes

The CD, radio or buzzer alarm turns off but will be

automatically activated again after about 10 minutes Every time you press **SNOOZE-SLEEP OFF**, the

 $\longrightarrow 40 \longrightarrow 50 \longrightarrow 60$

The display shows the snooze time for a few seconds

and returns to show the current time. When you press SNOOZE•SLEEP OFF after the current time

appears, the snooze time starts from 10 minutes again

Press ALARM A or B to deactivate the alarm setting

Press OFF **■**•ALARM RESET to turn off the alarm.

Using the NAP Timer

(Count Down Timer)

The NAP timer sounds the buzzer after a preset time

Press $\boldsymbol{\mathsf{NAP}}$ repeatedly until the desired minutes are

OFF \rightarrow 10 \rightarrow 20 \rightarrow 30

NAP" appears and the NAP time is displayed for a

Every press changes the display as follows:

NAP timer starts counting down the NAP time

When the selected NAP time has passed, a beep

To Stop the NAP Timer

NAP" goes off in the display.

automatically after a preset duration

Press SLEEP during CD or radio play.

sounds, and "NAP" flashes in the display. The buzzer is turned off automatically after about 60

Press NAP or OFF ■•ALARM RESET to turn off

To Deactive the NAP Timer

Setting the Sleep

You can fall asleep to the CD or the radio using the

You can set the sleep timer to durations of 90, 60, 30,

 $OFF \rightarrow 90 \rightarrow 60$

"SLEEP" will appear in the display when the duration

The CD or the radio will play for the time you set,

When the sleep timer reaches a remaining time of a few minutes, "SLEEP" will flash in the display and

the sound output will gradually decrease in volume

If you press **VOL** + or – at this time, "SLEEP" will

To turn off the CD or the radio before the preset time, press **SNOOZE-SLEEP OFF**.

light up and the decrease in the volume will stop.

built-in sleep timer to turn off the CD or the radio

or 15 minutes. Every push changes the display as

The alarm will come on again at the same time the

 $10 \rightarrow 20 \rightarrow 30$

The maximum length of the snooze time is 60

The CD, radio, or buzzer alarm is turned off

atically after 60 minute

To Stop the Alarm

next day.

duration

isplayed

The buzzer is tu

the buzzer.

Press NAP.

Timer

follows:

then shut off.

(Gentle Sleep function

regardless of the alarm mode setting.

time, the Alarm A takes precedence

Press SNOOZE•SLEEP OFF

snooze time changes as follows

ALARM OFF-

rapid after every few seconds in three progressive

player, the buzzer alarm will sound in its place at the

buzzer will sound at the set time

3 Press MODE.

'FM MONO" appears in the display To revert to stereo mode, press MODE again.

Setting the Alarm

This clock radio is equipped with 3 alarm modes-CD, radio and buzzer. Before setting the alarm, make re to set the clock (see "Setting the Clock")

To Set the Alarm Time

- **1** Press **ALARM A** or **B** for a few seconds. After one beep, "ALARM" and the hour will flash on the display.
- 2 Press TUNE•TIME SET + or until the desired hour appears. To set the hour rapidly, hold down **TUNE**•**TIME** SET + or -.
- 3 Press ALARM A or B.
- After one beep, the minutes will flash. 4 Repeat step 2 to set the minutes and press ALARM A or B.
- After one beep, the alarm mode is entered 5 Press TUNE•TIME SET + or – until the desired alarm indicator flashes. You can choose one mode among "CD," "RADIO" and "BUZZER." Set the alarm mode as
 - follows - CD: see "A Setting the CD Alarm." - RADIO: see "**B** Setting the Radio Alarm." - BUZZER: see "**C** Setting the Buzzer Alarm."

A Setting the CD Alarm

mode.

flash.

the volume.

the display

4 Press ALARM A or B.

6 Press ALARM A or B.

wake-up station is played.

Time.

alarm mode.

P1 to 5

"P-" is not displayed.

4 Press ALARM A or B.

6 Press ALARM A or B.

will start at the set time

flash.

the volume.

number flashes on the display

the desired wake-up station.

"P-" is the last received station

For the CD alarm, the track you specified as the wake-(If the CD play mode is set to "SHUFFLE" or "SHUFFLE REP," however, all the tracks are played

1 Perform steps **1** to **5** in "To set the Alarm Time. 2 Press ALARM A or B to select "CD" alarm

After one beep, "WAKE UP TRACK" appears on

3 Press **TUNE**•**TIME SET** + or – to select

After one beep, "WAKE UP VOLUME" will

You can also adjust the volume using VOL + or -.

Two short beeps will confirm the setting. If the CD indicator does not light, press **ALARM A** or

B to light the CD indicator, and the CD will start

B Setting the Radio Alarm

For the radio alarm, the station you specified as the

1 Perform steps **1** to **5** in "To set the Alarm

2 Press ALARM A or B to select "RADIO"

3 Press **TUNE**•**TIME SET** + or – to select

Preset number changes in the order as follows:

You can directly select the desired wake-up

station by pressing RADIO ON•BAND or the

After one beep, "WAKE UP VOLUME" will

5 Press TUNE•TIME SET + or - to adjust

You can also adjust the volume using VOL + or -

Two short beeps will confirm the setting. If the RADIO indicator does not light, press **ALARM A**

or **B** to light the RADIO indicator, and the radio

PRESET TUNING button while the indication

 \rightarrow P- \longleftrightarrow AM P1 to 5 \longleftrightarrow FM1 P1 to 5 \leftarrow

 \rightarrow WEATHER \leftrightarrow TV P1 to 5 \leftrightarrow FM2 P1 to 5 \leftarrow

"WAKE UP STATION" appears and the preset

5 Press TUNE-TIME SET + or - to adjust

the desired wake-up track number.